### REMARKS

The provisional election of Group I, claims 1-7 by telephone on May 27, 2008 is affirmed.

In paragraph 8 of the Office Action, claims 1-7 were rejected under 35 U.S.C.§102(a) or (e) as being anticipated by Willey et al.(Willey).

Reconsideration is requested.

Willey discloses a grease composition in which a high viscosity index-poly-alpha-olefin is a main component of the base oil and bismuth oxide is employed as an additive. However, Willey also discloses that the high viscosity index-polyalphaolefin base oil provides different performance characteristics as compared to conventional polyalphaolefin oils (Cf. paragraphs [0061] and [0068]). The high viscosity index-polyalphaolefin base oil has a kinematic viscosity of 150cSt at 110°C according to Willey and a kinematic viscosity of 1,500cSt at 40°C according to the attached ExxonMobil brochure. Thus, the polyalphaolefin base oil that is specified by amended claim 1 as having a kinematic viscosity of 20 to 200 mm2/s or cSt at 40°C is a distinctly different base oil from that specified by Willey.

The base oil of amended claim 1 is not the base oil of Willey and for this reason, the rejection under 35 U.S.C.§102-(a) or (e) should be withdrawn.

In paragraph 16 of the Office Action, claims 1-3 and 3-7 were rejected under 35 U.S.C.§102(b) as being anticipated by Stuart Jr.

Reconsideration is requested.

Stuart disclose a food grade grease composition which contains a bismuth carboxylate and/or bismuth metal powder as an additive. Claim 12 has been amended so that it now recites a inorganic bismuth compound. This language excludes the bismuth carboxylates and bismuth metal that is disclosed by Stuart Jr. as grease additives. For this reason, the amended claims define

an invention that is not disclosed or suggested by Stuart Jr. For these reason, it is requested that this ground of rejection be withdrawn.

New claims 22-26 individually point out preferred greases according to the invention that are recited in Markush form in amended claim 1. These claims are patentable over the prior art for the same reasons, that claim 1 is patentable.

An early and favorable action is earnestly solicited.

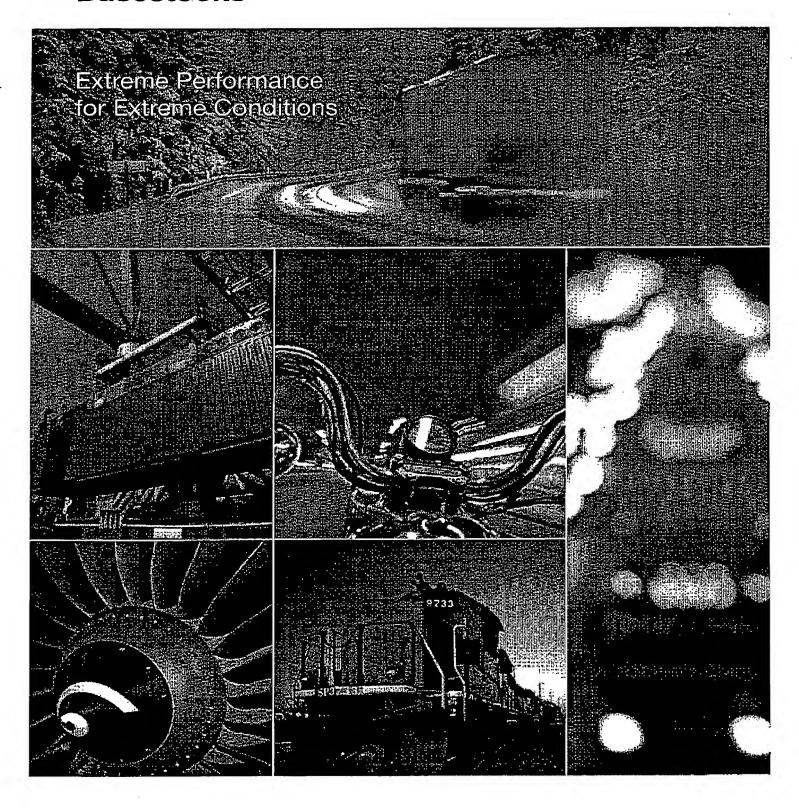
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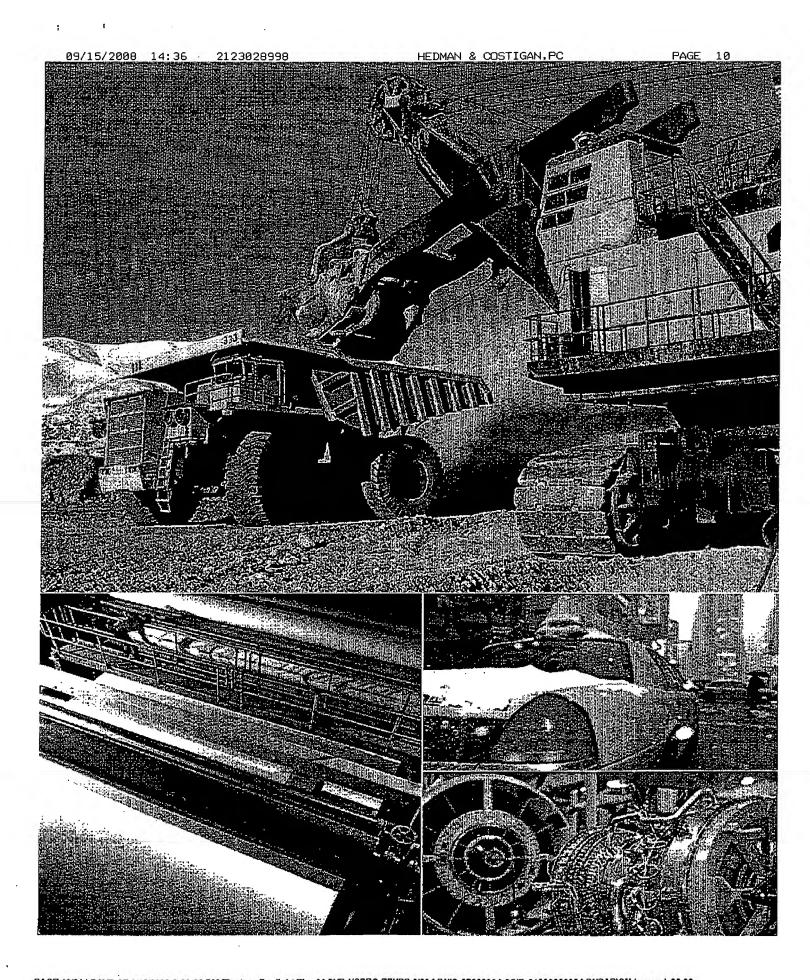
James V. Costigan Registration No. 25,669

HEDMAN & COSTIGAN, P.C. 1185 Avenue of the Americas New York, NY 10036 (212) 302-8989



## Synthetic Lubricant Basestocks





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# Yourseurce For Synthetics of Contractions

Formulators have an extensive lange of quality synthetic. We have worked with customers to be include lubicant nublicantibasestocks available from one reliable source i with an extensive range of applications, including 4 the Synthetes business of Exact Mobil Chemical Welfe the world's leading producat of polyaphacletins (PAO) alkylated paphthalane (A.V. blendstocks and esters four product lines complement one another giving lubrical. manufacturers one convenient source for anele base stock needs

### Reliable: High-Quality, Chobal Supply Capability

we have multiple manufacturing locations in the united States and Europe alone with sales offices strategically rocated worldwide rexxontribit chemicals synthetic uubacanubasestocks are manufactured alifacillies mat are ISO 9002 certiled. Our manufacturing processes provide excellent anodict consistency and product quality

our technical sales, marketing and distribution network enable us to provide outstanding customer service plus the borsical support and prompt delivery required by cos tomers operating throughout the world.

### A Streng Commitment to Technology

Out Synthetics business includes technical expensional an ladie 10 understand and Hesearch Isynthetic lublicant base stocks and their applications, we can help you select th most cost effective basesfock for vour end use from our diverse product offering. With our extensive experience we can also develop and manufacture products to specially applications

Automoliwe Passendel car motor oils two strokelenor olis, automotive gear oils and transmission fluids

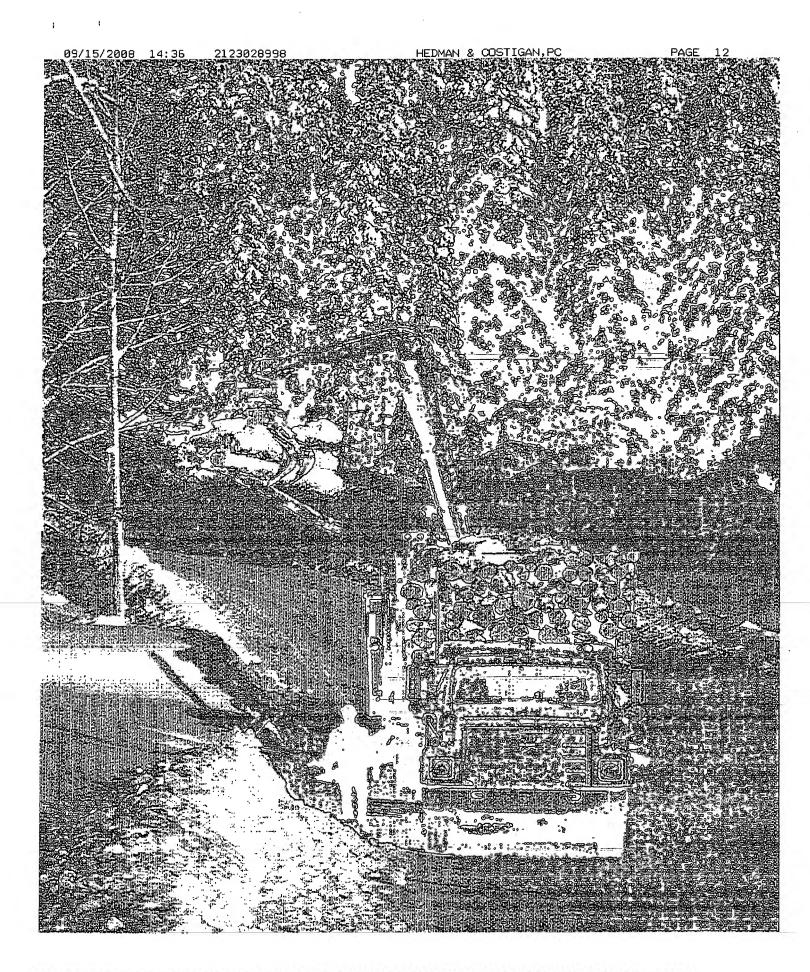
industrial Compressor Julos Circulating oils, mydraulio nuus gearolis lovenonam olis and orease

Our experience in balancing performance needs of dase. tocks in a organization of applications can assist you. ompany inmeeting the changing needs of the market and the greate, demands placed on lubricants today and in the totore by cathing for basestock expenence with formor ktion expenise we can help you bevelop superior lubi cants that deliver a unique balance of properties

### Knowledgeable Sales and Marketing

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from Tubes Our Jesearchers conunus to develop synthetic solutions to help formulator meer these challenge

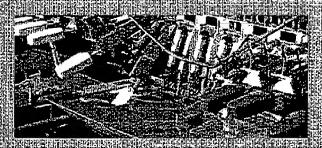


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# Setulias vidi Rovalphaolemis (PAG)

Meet your performance tequirements with our broad state of Spectrasynt? PAC products Find the high fluidity PAC pasestocks you need in the convenent source — from low viscosity to high viscosity, our synthetic PAO basestocks provide outstanding jub leation not such applications as passengen car engine ous onvelne wordants, industria machinen, and heavy-duty trucke nomes

	.SG@ 15.6/ 15.6°C	KV@ 100°C cSt	KV@ 49°C	KV@ -40°C	racegor (c) dans	Pour	CCS@ A/B	Noack Volatility wt. %	Flash Pt.
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Whether, your challenge is infimiliating at owners iner jeon or next-generation and identicant, success stairs with shoosing the right basestock. Speciasyn Plust funds are the advanced polyalphabletins (PAO) basestock that provides formulators new flexibility to create high-performance functions. The Specificacyn Plust PAO advantage sammady tive cuping bhooflow volatility and low-remperature fluidity. This one-of-a-kind combination provides significant performance advantages in applications where specifiasyn Plust PAO are she stand allohe basestock or when they recombined, with other synthetic or inheral oil pasestocks. The fact, the technology in specifiasyn Plust PAO fundamentally shifts the volatility and low-temperature fluidity profile of PAO. The result for end beets can be performance abvantages not possible with conventional PAO.

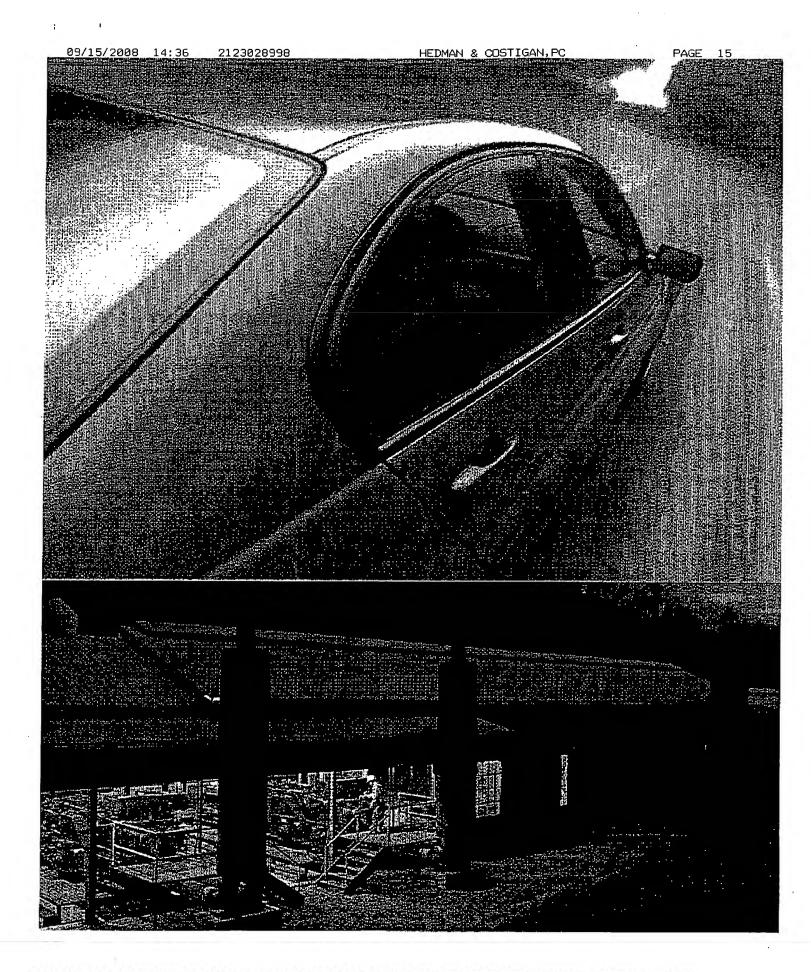
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SpectraSyn Flus Corporation







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Exceptionally thick EHL and hydrodynamic films at high temperatures

Step-out visco-elasticity

Shear-stable viscosity at high-temperature, high-shear rate (HT HSR) conci

High viscosity (150-1000 cSt @ 100°C)

Very low EHL traction

High VI (200-300+)

Low pour point (-33 to -18°C)

Low surface tension (30-31 mN/m

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### Saves Energy

Saves Energy

Automotive and industrial tests: have demonstrated up to 1,92 illenergy savings from upncarts utilizing spectrasyn utilizar vs. competitive synthetic formulations. Sectrasyn utilizar vs. competitive synthetic formulations. Sectrasyn utilizar fluids nave low traction and sesist low-temperature viscosty increase better than utilizary fluids nave low traction and sesist low-temperature viscosty increase better than conventional righ-viscos kvanickeners

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### **Estars**

ExxonMobin Chemicarmanuractures a proad range quo ganiceste s focuse im lubricarit applications Ranging from obtastic to polyoffesters, these materials feature parto mance properties sugrias

- •• Good the mall and oxidative stability!
- Low Volatility
- Derergency and dispersancy
- Blodegradability

Esterex. Esters can be used as side bases tocks or in combination with other base flillds and can enable the lubricant to provide cost efficiencies such as improved equipment reliability extended by life and reduced energy consumption.

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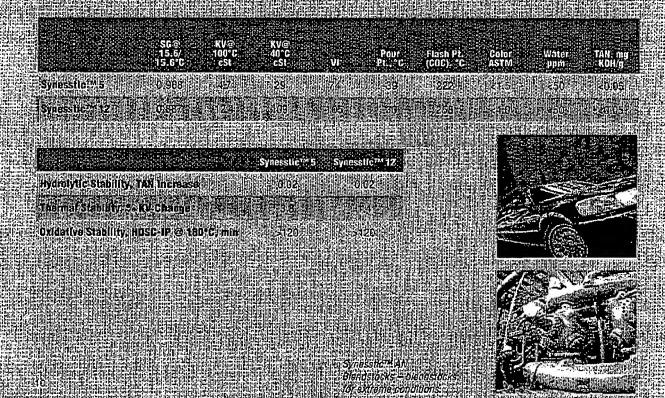
### SVIICSSIC . Alkylaied kaphinalenes

Synassic: Akylated Nabhthalehesi (AV) Blendstocks provide formulators with proven API category Group V base fluids to use in extending the performance of many automotive and industrial jubicants.

Available in thigh and low viscosity grades. Synessic "AN Blendstocks have step out hydrolytic and the molekidelive stability to help formulators improve the performance of mineral cultant PAO based lubricants. Excellent additive self-bility and outstanding companying with seat materials also contribute to making Synessic." The sight blend stock for the remaining a variety of applications.

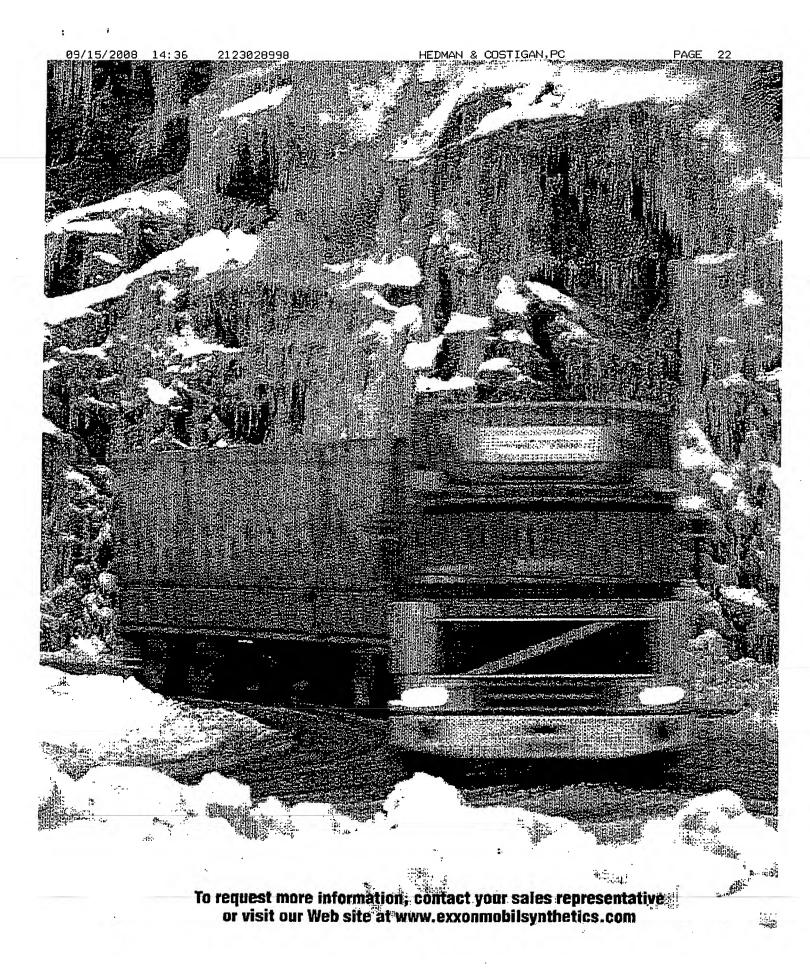
### Periornance Benefits

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- Excellent and five solubility
- Compatible with a widerrange of clastomers
- Non-en ulsive properties





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Europe, Middle East and Africa Example of Chemical Belgium Symhotica T564, Mechelen Bulkfing Hermoslaan 2 B-1831 Machelan Belgium Tol. 32.2.722.36.50 Fax 32.2.722.34.89

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